APPLN. FILING DATE: JULY 8, 2003
TITLE: SEMICONDUCTOR DEVICE, METHOD FOR MANUFACTURING AN ELECTRONIC EQUIPMENT... **INVENTOR(S):** TSUNEO HAMAGUCHI ET AL.

SHEET 1 of 11 APPLICATION SERIAL No: 009683-472

FIG. 1

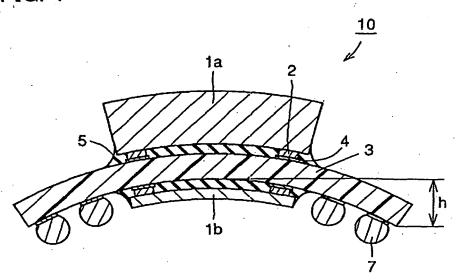
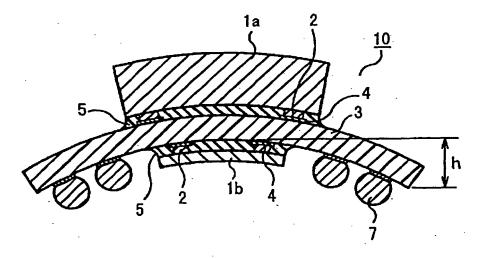


FIG. 2



APPLN. FILING DATE: JULY 8, 2003
TITLE: SEMICONDUCTOR DEVICE, METHOD FOR MANUFACTURING AN ELECTRONIC EQUIPMENT...

**INVENTOR(S):** TSUNEO HAMAGUCHI ET AL.

SHEET 2 of 11 **APPLICATION SERIAL NO: 009683-472** 

FIG. 3

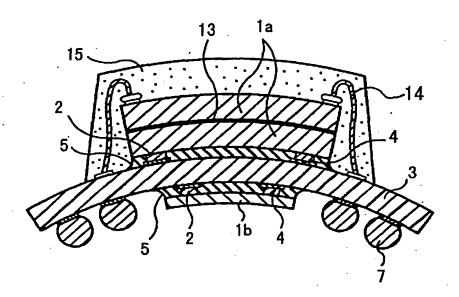
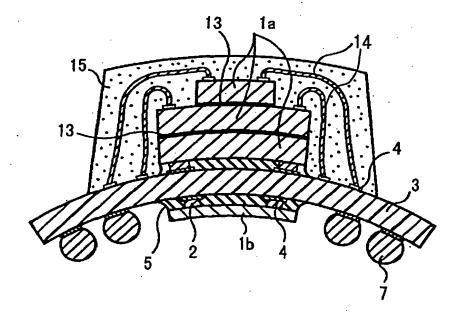


FIG. 4

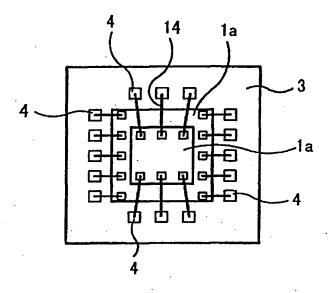


APPLN. FILING DATE: JULY 8, 2003
TITLE: SEMICONDUCTOR DEVICE, METHOD FOR MANUFACTURING AN ELECTRONIC EQUIPMENT...

INVENTOR(S): TSUNEO HAMAGUCHI ET AL.

APPLICATION SERIAL NO: 009683-472 SHEET 3 of 11

FIG. 5



APPLN. FILING DATE: JULY 8, 2003

TITLE: SEMICONDUCTOR DEVICE, METHOD FOR MANUFACTURING AN ELECTRONIC EQUIPMENT...

INVENTOR(S): TSUNEO HAMAGUCHI ET AL.

APPLICATION SERIAL NO: 009683-472

SHEET 4 of 11

FIG. 6 A

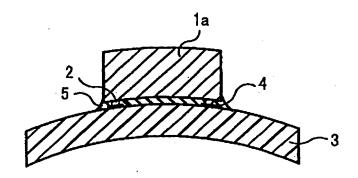


FIG. 6B

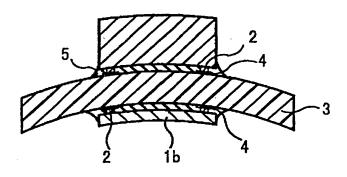
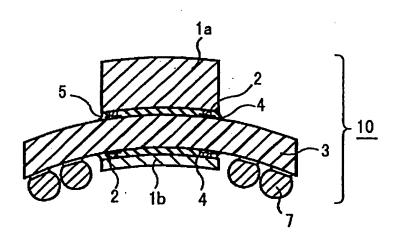


FIG. 6C



APPLN. FILING DATE: JULY 8, 2003
TITLE: SEMICONDUCTOR DEVICE, METHOD FOR
MANUFACTURING AN ELECTRONIC EQUIPMENT...

**INVENTOR(S):** TSUNEO HAMAGUCHI ET AL.

APPLICATION SERIAL No: 009683-472

SHEET 5 of 11

FIG. 7A

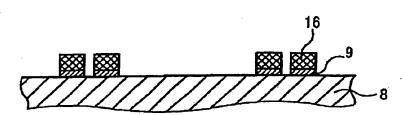


FIG. 7B

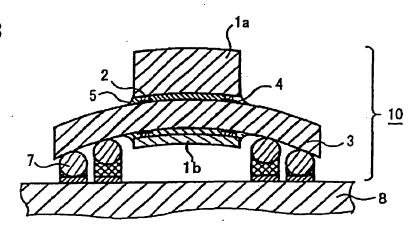
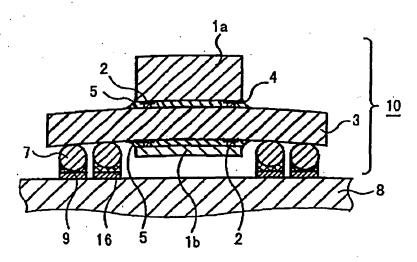


FIG. 7C



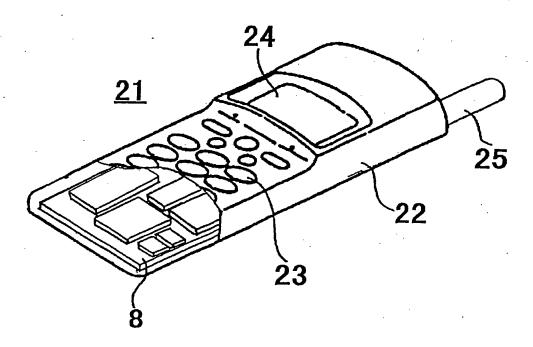
APPLN. FILING DATE: JULY 8, 2003

**TITLE:** SEMICONDUCTOR DEVICE, METHOD FOR MANUFACTURING AN ELECTRONIC EQUIPMENT...

INVENTOR(S): TSUNEO HAMAGUCHI ET AL.

APPLICATION SERIAL NO: 009683-472 SHEET 6 of 11

FIG. 8

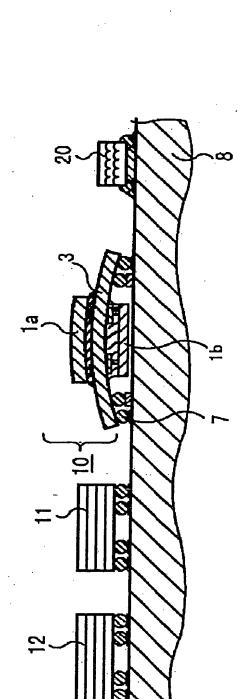


APPLN. FILING DATE: JULY 8, 2003

TITLE: SEMICONDUCTOR DEVICE, METHOD FOR MANUFACTURING AN ELECTRONIC EQUIPMENT...

INVENTOR(S): TSUNEO HAMAGUCHI ET AL.

**APPLICATION SERIAL NO: 009683-472** 



**SHEET 7 of 11** 

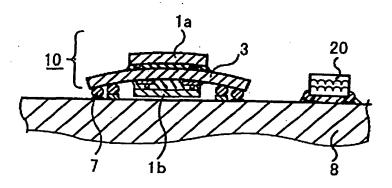
APPLN. FILING DATE: JULY 8, 2003

TITLE: SEMICONDUCTOR DEVICE, METHOD FOR MANUFACTURING AN ELECTRONIC EQUIPMENT...

**INVENTOR(S):** TSUNEO HAMAGUCHI ET AL.

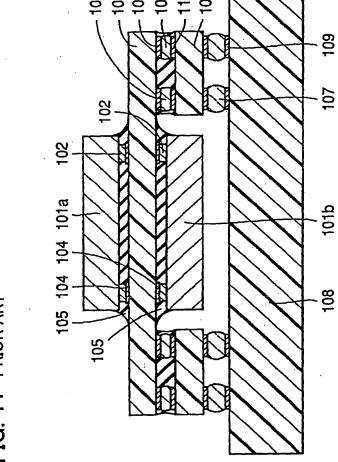
APPLICATION SERIAL NO: 009683-472 SHEET 8 of 11

FIG. 10



APPLN. FILING DATE: JULY 8, 2003
TITLE: SEMICONDUCTOR DEVICE, METHOD FOR MANUFACTURING AN ELECTRONIC EQUIPMENT...

Inventor(s): TSUNEO HAMAGUCHI ET AL. APPLICATION SERIAL NO: 009683-472 SHEET 9 of 11



PRIOR ART

APPLN. FILING DATE: JULY 8, 2003
TITLE: SEMICONDUCTOR DEVICE, METHOD FOR MANUFACTURING AN ELECTRONIC EQUIPMENT...

Inventor(s): Tsuneo Hamaguchi et al. Application Serial No: 009683-472 **SHEET 10 of 11** 

PRIOR ART

APPLN. FILING DATE: JULY 8, 2003
TITLE: SEMICONDUCTOR DEVICE, METHOD FOR MANUFACTURING AN ELECTRONIC EQUIPMENT...
INVENTOR(S): TSUNEO HAMAGUCHI ET AL.
APPLICATION SERIAL NO: 009683-472 SHEE

**SHEET 11 of 11** 

FIG. 13 PRIOR ART

